

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/583,056
Source: IFWP
Date Processed by STIC: 6/22/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 06/22/2006

PATENT APPLICATION: US/10/583,056

TIME: 13:11:45

Input Set : A:\1087-96pct.seq (Resubmitted).seq.txt

Output Set: N:\CRF4\06222006\J583056.raw

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3 <110> APPLICANT: Bowdish, Katherine S.
4      Kretz-Rommel, Anke
6 <120> TITLE OF INVENTION: NOVEL ANTI-DC-SIGN ANTIBODIES
8 <130> FILE REFERENCE: 112 PCT (1087-96 PCT)
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/583,056
C--> 11 <141> CURRENT FILING DATE: 2006-06-14
13 <150> PRIOR APPLICATION NUMBER: US 60/529,517
14 <151> PRIOR FILING DATE: 2003-12-15
16 <160> NUMBER OF SEQ ID NOS: 62
18 <170> SOFTWARE: PatentIn version 3.2
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 25
22 <212> TYPE: DNA
23 <213> ORGANISM: artificial sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: oligonucleotide
28 <400> SEQUENCE: 1
29 ctaactccat ggtgaccctg ggatg                                25
32 <210> SEQ ID NO: 2
33 <211> LENGTH: 24
34 <212> TYPE: DNA
35 <213> ORGANISM: artificial sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: oligonucleotide
40 <400> SEQUENCE: 2
41 caactggctc ctcggtgact ctag                                24
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 24
46 <212> TYPE: DNA
47 <213> ORGANISM: artificial sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: oligonucleotide
52 <400> SEQUENCE: 3
53 cagtgagcag ttaacatctg gagg                                24
56 <210> SEQ ID NO: 4
57 <211> LENGTH: 62
58 <212> TYPE: DNA
59 <213> ORGANISM: artificial sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: oligonucleotide
65 <220> FEATURE:
66 <221> NAME/KEY: modified_base
67 <222> LOCATION: (60)..(60)

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68 <223> OTHER INFORMATION: um
 70 <220> FEATURE:
 71 <221> NAME/KEY: misc_feature
 72 <222> LOCATION: (60)..(60)
 73 <223> OTHER INFORMATION: 3' - phosphorothioate
 75 <220> FEATURE:
 76 <221> NAME/KEY: modified_base
 77 <222> LOCATION: (61)..(61)
 78 <223> OTHER INFORMATION: cm
 80 <220> FEATURE:
 81 <221> NAME/KEY: misc_feature
 82 <222> LOCATION: (61)..(61)
 83 <223> OTHER INFORMATION: 3' - phosphorothioate
 85 <220> FEATURE:
 86 <221> NAME/KEY: modified_base
 87 <222> LOCATION: (62)..(62)
 88 <223> OTHER INFORMATION: 2' -o-methyladenosine
 90 <220> FEATURE:
 91 <221> NAME/KEY: misc_feature
 92 <222> LOCATION: (62)..(62)
 93 <223> OTHER INFORMATION: 3'-phosphorothioate propyl-OH
 95 <400> SEQUENCE: 4

W--> 96 gacgtggcgcg ttggaagagg agtgcctagg gttaccatgg agttagtttg ggcagcagan 60
 98 ca 62

101 <210> SEQ ID NO: 5
 102 <211> LENGTH: 62
 103 <212> TYPE: DNA
 104 <213> ORGANISM: artificial sequence
 106 <220> FEATURE:
 107 <223> OTHER INFORMATION: oligonucleotide
 110 <220> FEATURE:
 111 <221> NAME/KEY: modified_base
 112 <222> LOCATION: (60)..(60)
 113 <223> OTHER INFORMATION: cm
 115 <220> FEATURE:
 116 <221> NAME/KEY: misc_feature
 117 <222> LOCATION: (60)..(60)
 118 <223> OTHER INFORMATION: 3' - phosphorothioate
 120 <220> FEATURE:
 121 <221> NAME/KEY: modified_base
 122 <222> LOCATION: (61)..(61)
 123 <223> OTHER INFORMATION: 2' -O-methyladenosine
 125 <220> FEATURE:
 126 <221> NAME/KEY: misc_feature
 127 <222> LOCATION: (61)..(61)
 128 <223> OTHER INFORMATION: 3' - phosphorothioate
 130 <220> FEATURE:
 131 <221> NAME/KEY: modified_base
 132 <222> LOCATION: (62)..(62)

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133 <223> OTHER INFORMATION: um
135 <220> FEATURE:
136 <221> NAME/KEY: misc_feature
137 <222> LOCATION: (62)..(62)
138 <223> OTHER INFORMATION: 3' - phosphorothioate propyl-OH
140 <400> SEQUENCE: 5
141 gacgtggccg ttggaagagg agtgcctagg gtcacgagg agccagttgt atctccacac      60
W--> 143 an                                                                62
146 <210> SEQ ID NO: 6
147 <211> LENGTH: 65
148 <212> TYPE: DNA
149 <213> ORGANISM: artificial sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: oligonucleotide
155 <220> FEATURE:
156 <221> NAME/KEY: modified_base
157 <222> LOCATION: (63)..(63)
158 <223> OTHER INFORMATION: 2'-O-methyladenosine
160 <220> FEATURE:
161 <221> NAME/KEY: misc_feature
162 <222> LOCATION: (63)..(63)
163 <223> OTHER INFORMATION: 3'-phosphorothioate
165 <220> FEATURE:
166 <221> NAME/KEY: modified_base
167 <222> LOCATION: (64)..(64)
168 <223> OTHER INFORMATION: um
170 <220> FEATURE:
171 <221> NAME/KEY: misc_feature
172 <222> LOCATION: (64)..(64)
173 <223> OTHER INFORMATION: 3'-phosphorothioate
175 <220> FEATURE:
176 <221> NAME/KEY: modified_base
177 <222> LOCATION: (65)..(65)
178 <223> OTHER INFORMATION: um
180 <220> FEATURE:
181 <221> NAME/KEY: misc_feature
182 <222> LOCATION: (65)..(65)
183 <223> OTHER INFORMATION: 3'-phosphorothioate propyl-OH
185 <400> SEQUENCE: 6
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W--> 188 ggann                                                                65
191 <210> SEQ ID NO: 7
192 <211> LENGTH: 24
193 <212> TYPE: DNA
194 <213> ORGANISM: artificial sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: primer
199 <400> SEQUENCE: 7
200 gacgtggccg ttggaagagg agtg                                          24

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Input Set : A:\1087-96pct.seq (Resubmitted).seq.txt

Output Set: N:\CRF4\06222006\J583056.raw

203 <210> SEQ ID NO: 8
 204 <211> LENGTH: 24
 205 <212> TYPE: DNA
 206 <213> ORGANISM: artificial sequence
 208 <220> FEATURE:
 209 <223> OTHER INFORMATION: primer
 211 <400> SEQUENCE: 8
 212 gacgaccggc taccaagagg agtg
 215 <210> SEQ ID NO: 9
 216 <211> LENGTH: 109
 217 <212> TYPE: PRT
 218 <213> ORGANISM: artificial sequence
 220 <220> FEATURE:
 221 <223> OTHER INFORMATION: majority of murine clones
 223 <400> SEQUENCE: 9
 225 Asp Ile Gln Met Thr Gln Thr Thr Ser Ser Leu Ser Ala Ser Leu Gly
 226 1 5 10 15
 229 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Asp Ile Asn Asn Tyr
 230 20 25 30
 233 Leu Asn Trp Tyr Gln Gln Lys Pro Asp Gly Thr Val Lys Leu Leu Ile
 234 35 40 45
 237 Tyr Tyr Thr Ser Arg Leu His Ser Gly Val Pro Ser Arg Phe Ser Gly
 238 50 55 60
 241 Ser Gly Ser Gly Thr Asp Tyr Ser Leu Thr Ile Ser Asn Leu Ala Gln
 242 65 70 75 80
 245 Glu Asp Ile Ala Thr Tyr Phe Cys Gln Gln Gly Asp Thr Leu Pro Trp
 246 85 90 95
 249 Thr Phe Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala
 250 100 105
 253 <210> SEQ ID NO: 10
 254 <211> LENGTH: 109
 255 <212> TYPE: PRT
 256 <213> ORGANISM: murine
 258 <400> SEQUENCE: 10
 260 Asp Ile Gln Met Thr Gln Ser Pro Ala Ser Leu Ser Ala Ser Val Gly
 261 1 5 10 15
 264 Glu Thr Ile Thr Ile Thr Cys Arg Ala Ser Glu Asn Ile His Asn Tyr
 265 20 25 30
 268 Leu Ala Trp Tyr Gln Gln Asn Gln Gly Lys Ser Pro Gln Leu Leu Val
 269 35 40 45
 272 Tyr Asn Ala Lys Thr Leu Ala Val Gly Val Pro Ser Arg Phe Ser Gly
 273 50 55 60
 276 Ser Gly Ser Gly Thr Gln Phe Ser Leu Lys Ile Val Ser Leu Gln Pro
 277 65 70 75 80
 280 Glu Asp Phe Gly Asn Tyr Tyr Cys Gln His Phe Trp Asn Thr Pro Trp
 281 85 90 95
 284 Thr Phe Gly Arg Gly Thr Lys Leu Glu Ile Lys Arg Ala
 285 100 105
 288 <210> SEQ ID NO: 11

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RAW SEQUENCE LISTING

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Input Set : A:\1087-96pct.seq (Resubmitted).seq.txt

Output Set: N:\CRF4\06222006\J583056.raw

289 <211> LENGTH: 109

290 <212> TYPE: PRT

291 <213> ORGANISM: murine

293 <400> SEQUENCE: 11

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295 Asp Ile Gln Met Thr Gln Thr Thr Ser Ser Leu Ser Ala Ser Leu Gly
296 1 5 10 15
299 Asp Arg Val Thr Ile Thr Cys Arg Thr Ser Gln Asp Ile Asp Asn Tyr
300 20 25 30
303 Leu Asn Trp Tyr Gln Gln Lys Pro Asp Gly Thr Val Lys Leu Leu Ile
304 35 40 45
307 Tyr Tyr Thr Ser Arg Leu His Ser Gly Val Pro Ser Arg Phe Ser Gly
308 50 55 60
311 Ser Gly Ser Gly Thr Asp Tyr Ser Leu Thr Ile Asn Asn Leu Ala Gln
312 65 70 75 80
315 Glu Asp Ile Ala Thr Tyr Phe Cys Gln Gln Gly Asp Thr Leu Pro Phe
316 85 90 95
319 Thr Phe Gly Ser Gly Thr Thr Leu Glu Ile Lys Arg Ala
320 100 105

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323 <210> SEQ ID NO: 12

324 <211> LENGTH: 109

325 <212> TYPE: PRT

326 <213> ORGANISM: murine

328 <400> SEQUENCE: 12

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330 Asp Ile Pro Met Thr Gln Thr Thr Ser Ser Gln Ser Ala Ser Leu Gly
331 1 5 10 15
334 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Asp Ile Asn Asn Tyr
335 20 25 30
338 Leu Asn Trp Tyr Gln Gln Lys Pro Asp Gly Thr Val Lys Leu Leu Ile
339 35 40 45
342 Tyr Tyr Thr Ser Arg Leu His Ser Gly Val Pro Ser Arg Phe Ser Gly
343 50 55 60
346 Ser Gly Ser Gly Thr Asp Tyr Ser Leu Thr Ile Ser Asn Leu Glu Gln
347 65 70 75 80
350 Glu Asp Leu Val Thr Tyr Phe Cys Gln Gln Gly Lys Thr Leu Pro Trp
351 85 90 95
354 Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala
355 100 105

```

358 <210> SEQ ID NO: 13

359 <211> LENGTH: 109

360 <212> TYPE: PRT

361 <213> ORGANISM: murine

363 <400> SEQUENCE: 13

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365 Asp Ile Gln Met Thr Gln Thr Thr Ser Ser Leu Ser Ala Ser Leu Gly
366 1 5 10 15
369 Asp Arg Val Thr Ile Ser Cys Arg Ala Ser His Asp Ile Asn Asp Tyr
370 20 25 30
373 Leu Asn Trp Tyr Gln Gln Lys Pro Asp Gly Thr Val Lys Leu Leu Ile
374 35 40 45
377 Tyr Tyr Thr Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Arg Gly

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/583,056

DATE: 06/22/2006
TIME: 13:11:46

Input Set : A:\1087-96pct.seq (Resubmitted).seq.txt
Output Set: N:\CRF4\06222006\J583056.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220>

to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 60

Seq#:5; N Pos. 62

Seq#:6; N Pos. 64,65

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/583,056

DATE: 06/22/2006

TIME: 13:11:46

Input Set : A:\1087-96pct.seq (Resubmitted).seq.txt

Output Set: N:\CRF4\06222006\J583056.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0

L:143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:60

L:188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:60